

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	\$3alkylpolyisobutenylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/23 08:32
S2	36	\$8polyisobutenylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/23 08:33
S3	19	\$8polyisobutenylphenol and mannich and catalytic\$5	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/23 08:33
S4	10	\$8polyisobutenylphenol and mannich and catalytic\$5 and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/23 08:43
S5	11	\$8polyisobutenylphenol and mannich and catalytic\$5 and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 08:44
S6	1	2005-630069.NRAN.	DERWENT	OR	ON	2009/06/23 08:44
S7	11	\$9isobutenylphenol and mannich and catalytic\$5 and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 08:46
S8	24	\$9isobutenylphenol and mannich and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 08:47
S9	39	polyisobutenylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 15:29
S10	1	"06705240"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:31
S11	1	"06705240"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:31
S12	5	"6705240"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:31

S13	50	polyisobutenylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:32
S14	25	polyisobutenylphenol and (BF3 or (boron adj2 trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:32
S15	1	2002-463188.NRAN.	DERWENT	OR	ON	2009/06/24 15:33
S16	1	2002-463189.NRAN.	DERWENT	OR	ON	2009/06/24 15:34
S17	19	\$2alkylhydroxyaromatic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:53
S18	4	\$2alkylhydroxyaromatic and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:54
S19	13	\$2alkylhydroxyaromatic and (catalyst or (alkylating adj agent))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:56
S20	0	\$2alkylpolyisobutneylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:01
S21	0	\$alkylpolyisobutneylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:01
S22	1	\$alkylpolyisobutenylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:01
S23	46	\$6polyisobutenylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:01

S24	3	2-alkylpolyisobutenylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:06
S25	18	("3360464"   "3449444"   "4238628"   "4429099"   "5300701").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:10
S26	6	("3360464"   "3449444"   "4238628"   "4429099"   "5300701").PN. and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:17
S27	0	\$5tert\$1isobutenylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:20
S28	8383	\$5tert\$1butylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:21
S29	0	alkyl\$5tert\$1butylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:21
S30	12300	\$8tert\$1butylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:21
S31	643	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:21
S32	468	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride)) and complex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:21
S33	473	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride)) and complex\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:22

S34	373	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:22
S35	235	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:22
S36	235	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:22
S37	212	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature and alcohol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:22
S38	160	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature and alcohol and benzene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:23
S39	0	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature and alcohol and benzene and (terary or quartenary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:23
S40	118	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature and alcohol and benzene and radical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:23
S41	18	\$8tert\$1butylphenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature and alcohol and benzene and radical and mannich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:23
S42	0	\$8tert\$1butenylphenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature and alcohol and benzene and radical and mannich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:34
S43	12	\$10butenylphenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature and alcohol and benzene and radical and mannich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:35

S44	1	polyisobutylenephenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature and alcohol and benzene and radical and mannich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:41
S45	1	\$8polyisobutylenephenol and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature and alcohol and benzene and radical and mannich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:41
S46	11	(\$8polyisobutylene adj phenol) and (BF3 or (boron adj trifluoride)) and complex\$4 and ratio and molar and temperature and alcohol and benzene and radical and mannich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:41
S47	2	"05073152"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:51
S48	5	"5073152"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:52
S49	2	"05073182"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:52
S50	2	"05073102"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:52
S51	28	"0226839"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 16:59
S52	4	"0226840"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 17:00
S53	206	585/465.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 09:27
S54	1	585/465.ccls. and (polyisobutene)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 09:27
S55	133	2-alkylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 10:30

S56	15	2-alkylphenol and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 10:30
S57	176	2-methylphenol and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 10:35
S58	0	2-hydrocarbylphenol and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 10:38
S59	3	2-isobutenylphenol and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 10:38
S60	16	2-alkylphenol and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 10:40
S61	181	2-methylphenol and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 10:40
S62	1827	2-methylphenol "758474"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 10:41
S63	30	"758474"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 10:41
S64	20	"497721"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 10:43
S65	15	("2445735"   "2480254"   "2544818"   "2652434"   "2916524"   "3707569"   "3764630"   "3878255"   "3972836").PN. OR ("4267394").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 10:44
S66	8	"2548194"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 10:48
S67	28	"0226839"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 10:49
S68	11	"3216423"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 11:30

S69	11888	alkylat\$4 near4 phenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 11:32
S70	1064	(alkylat\$4 near (phenol or cresol or xylenol)) and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 11:33
S71	226	(alkylat\$4 near (phenol or cresol or xylenol)) and (BF3 or (boron adj trifluoride)) and polyisobutene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 11:33
S72	4	(alkylat\$4 near (phenol or cresol or xylenol) near6 ortho) and (BF3 or (boron adj trifluoride)) and polyisobutene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 11:45
S73	107	alkylating near4 alkylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 13:18
S74	29	(alkylating near4 alkylphenol) and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 13:19
S75	14	(alkylating near4 alkylphenol) and (BF3 or (boron adj trifluoride)) and polybutene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 13:19
S76	16	(alkylating near4 alkylphenol) and (BF3 or (boron adj trifluoride)) and (polybutene or polyisobutene)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 13:19
S77	18	"2135441"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 14:04
S85	49	(isotop\$4 near6 ratio) and benzene and (methane or (natural adj gas))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 15:24

S86	0	\$4tertbutylpolyisobutetnylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:28
S87	0	\$7tertbutylpolyisobutetnylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:28
S88	0	\$7tert\$1butylpolyisobutetnylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:29
S89	0	\$4di\$1tert\$1butylpolyisobutetnylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:29
S90	0	\$4di\$1tert\$1butyl\$1polyisobutetnylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:29
S91	0	\$4di\$1tert\$1butyl\$9butetnylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:30
S92	0	\$4di\$1tert\$1butyl\$9butetnylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:30
S93	5928	\$4di\$1tert\$10butylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:30
S94	312	\$4di\$1tert\$10butylphenol and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:31
S95	62	\$4di\$1tert\$10butylphenol and (BF3 or (boron adj trifluoride)) and polyisobutene	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:31
S96	30	\$4di\$1tert\$10butylphenol and (BF3 or (boron adj trifluoride)) and polyisobutene and (jet or turbine)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:35
S97	62	\$4di\$1tert\$10butylphenol and (BF3 or (boron adj trifluoride)) and polyisobutene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 17:37
S98	40	"2,6 di-tert-butylphenol"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 17:41
S99	1	"2,6 di-tert-butylphenol" and (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 17:42
S100	30	\$4di\$1tert\$10butylphenol and (BF3 or (boron adj trifluoride)) and polyisobutene and (jet or aviation or turbine)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 17:56
S101	30	\$4di\$1tert\$10butylphenol and (BF3 or (boron adj trifluoride)) and polyisobutene and (jet or aviation or turbine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 17:56
S102	8	\$4di\$1tert\$10butylphenol and ((BF3 or (boron adj trifluoride)) same polyisobutene) and (jet or aviation or turbine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 17:57



S103	0	tiralkylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 17:58
S104	742	trialkylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 17:58
S105	0	trialkylphenol near3 (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 17:59
S106	8	trialkylphenol same (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 17:59
S107	4	tri\$1alkylphenol same (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:03
S108	4	\$6tri\$1alkylphenol same (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:03
S109	0	\$6tri1alkylphenol same (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:03
S110	0	\$6tri1butylphenol same (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:04
S111	1	\$6tributylphenol same (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:04
S112	1	\$6tributylphenol same (BF3 or (boron adj trifluoride)) and complex\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:04

S113	113	(trialkylphenol or \$9alkylphenol or \$2halophenol or \$2halo\$1phenol or \$6tributylphenol or \$6trimethylphenol) same (BF3 or (boron adj trifluoride)) and complex\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:05
S114	68	(trialkylphenol or \$9alkylphenol or \$2halophenol or \$2halo\$1phenol or \$6tributylphenol or \$6trimethylphenol) same (BF3 or (boron adj trifluoride)) same complex \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:05
S115	368	(trialkylphenol or \$9alkylphenol or \$2halophenol or \$2halo\$1phenol or \$6tributylphenol or \$6trimethylphenol) and ((BF3 or (boron adj trifluoride)) near5 complex \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:09
S116	54	(trialkylphenol or \$9alkylphenol or \$2halophenol or \$2halo\$1phenol or \$6tributylphenol or \$6trimethylphenol) same ((BF3 or (boron adj trifluoride)) near5 complex \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:09
S117	2	("2,4,6-trimethylphenol") same ((BF3 or (boron adj trifluoride)) near5 complex\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:13
S118	1094	("2,4,6-trimethylphenol") or (boron adj trifluoride adj phenol) or (boron adj trifluoridephenol) same ((BF3 or (boron adj trifluoride)) near5 complex\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:14
S119	236	((("2,4,6-trimethylphenol") or (boron adj trifluoride adj phenol) or (boron adj trifluoridephenol)) same ((BF3 or (boron adj trifluoride)) near5 complex\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:15
S120	282	((("2,4,6-trimethylphenol") or (boron adj trifluoride adj phenol) or (boron adj trifluoridephenol) or chlorophenol or chloro \$1phenol) same ((BF3 or (boron adj trifluoride)) near5 complex\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:19
S121	459	((("2,4,6-trimethylphenol") or (boron adj trifluoride adj phenol) or (boron adj trifluoridephenol) or chlorophenol or chloro \$1phenol) same (BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:46
S122	331	((("2,4,6-trimethylphenol") or (boron adj trifluoride adj phenol) or (boron adj trifluoridephenol) or chlorophenol or chloro \$1phenol) same (BF3 or (boron adj trifluoride)) same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:46

S123	89	((("2,4,6-trimethylphenol")or (boron adj trifluoride adj phenol) or (boron adj trifluoridephenol) or chlorophenol or chloro \$1phenol) near4 (BF3 or (boron adj trifluoride)) same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:46
S124	89	((("2,4,6-trimethylphenol")or (\$7trimethylphenol) or (boron adj trifluoride adj phenol) or (boron adj trifluoridephenol) or chlorophenol or chloro \$1phenol) near4 (BF3 or (boron adj trifluoride)) same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:50
S125	89	((("2,4,6-trimethylphenol")or (\$7trimethylphenol) or (boron adj trifluoride adj phenol) or (boron adj trifluoridephenol) or chlorophenol or chloro\$1phenol) near4 (BF3 or (boron adj trifluoride)) same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:50
S126	89	((("2,4,6-trimethylphenol")or (\$7tri \$1methylphenol) or (boron adj trifluoride adj phenol) or (boron adj trifluoridephenol) or chlorophenol or chloro\$1phenol) near4 (BF3 or (boron adj trifluoride)) same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:50
S127	88	((("2,4,6-trimethylphenol")or (\$7tri \$1methylphenol) or (boron adj trifluoride adj \$8phenol) or (boron adj trifluoridephenol) or chlorophenol or chloro\$1phenol) near4 (BF3 or (boron adj trifluoride)) same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:50
S128	9024	((BF3 or (boron near trifluoride)) near5 complex)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:51
S129	348	((BF3 or (boron near trifluoride)) near5 complex) near \$7phenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:52
S130	127	((BF3 or (boron near trifluoride)) near complex) near \$7phenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:52
S131	0	((((BF3 or (boron near trifluoride)) near complex) near \$7phenol) near (halogen or chloro or chlorine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:53
S132	1	((((BF3 or (boron near trifluoride)) near complex) near \$7phenol) near5 (halogen or chloro or chlorine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:53

S133	16	((BF3 or (boron near trifluoride)) near complex) near \$7phenol) same (halogen or chloro or chlorine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:53
S134	98	((BF3 or (boron near trifluoride)) near complex) near \$7phenol) same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:54
S135	77	((BF3 or (boron near trifluoride)) near complex) near alcohol) same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 18:55
S136	167	((BF3 or (boron near trifluoride)) near complex) near (alcohol or phenol)) same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/25 19:14
S137	0	trifluoromethanolboron or (trifluoro adj methanol adj boron)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:18
S138	0	trifluoromethanolboron or (tri\$1fluoro adj methanol adj boron)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:18
S139	0	trifluoromethanol\$1boron or (tri\$1fluoro adj methanol adj boron)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:19
S140	0	tri\$1fluoro\$1methanol\$1boron or (tri\$1fluoro adj methanol adj boron)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:19
S141	1	methanol near trifluoroboron	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:19
S142	3	methanol near3 (trifluoro\$1boron)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:19
S143	362	(methanol near3 (trifluoro\$1boron)) or (boron adj trifluoride adj methanol)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:20
S144	0	(lewis) near (boron adj trifluoride adj methanol)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:20
S145	0	(lewis) near5 (boron adj trifluoride adj methanol)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:20
S146	3	(lewis) near9 (boron adj trifluoride adj methanol)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:20
S147	0	(lewis) near9 (boron adj trifluoride adj methanol) same ((alcohol or methanol) near6 mole)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:23
S148	0	(lewis) same (boron adj trifluoride adj methanol) same ((alcohol or methanol) near6 mole)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 08:23
S149	0	(lewis) same (boron adj trifluoride adj methanol) same ((alcohol or methanol) near6 mole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 08:23

S150	1	(lewis adj acid) and (boron adj trifluoride adj methanol) same ((alcohol or methanol) near6 mole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 08:23
S151	2	(lewis adj acid) and (boron adj trifluoride adj methanol) and ((alcohol or methanol) near6 mole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 08:24
S152	25	(lewis adj acid) and (boron adj trifluoride adj methanol) and mole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 08:24
S153	1	2006-254193.NRAN.	DERWENT	OR	ON	2009/06/29 08:25
S154	67	(lewis adj acid) and ((boron adj trifluoride) near2 methanol) and mole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 08:30
S155	7	"568"/\$.ccls. and (lewis adj acid) and ((boron adj trifluoride) near2 methanol) and mole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 08:33
S156	15	"568"/\$.ccls. and (lewis adj acid) and ((boron adj trifluoride) near8 methanol) and mole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 08:34
S157	388	(alkyl\$5 adj phenol) near (tertiary or quarternary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 09:52
S158	18	(alkyl\$5 adj phenol) near (tertiary or quarternary) and carbon and (bf3 or (boron adj trifluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 09:57
S159	2	(alkyl\$5 adj phenol) near (tertiary or quarternary) near carbon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 09:59

S160	3	(alkyl\$5 adj phenol) near4 (tertiary or quarternary) near carbon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 10:14
S161	36	(alkyl\$5 adj phenol) near9 (tertiary or quarternary) near carbon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 10:14
S162	159	44/450.ccls.	US-PGPUB; USPAT; FPRS	OR	ON	2009/06/29 11:01
S163	71	44/450.ccls. and (hydroxyaromatic or hydroxy \$1aromatic or phenol or (alkylphenol) or (alkyl \$5 adj phenol))	US-PGPUB; USPAT; FPRS	OR	ON	2009/06/29 11:02
S164	37	44/450.ccls. and (hydroxyaromatic or hydroxy \$1aromatic or phenol or (alkylphenol) or (alkyl \$5 adj phenol)) and ((lewis adj acid) or catalyst or BF3 or (boron adj trifluoride))	US-PGPUB; USPAT; FPRS	OR	ON	2009/06/29 11:02
S165	10	44/450.ccls. and (hydroxyaromatic or hydroxy \$1aromatic or phenol or (alkylphenol) or (alkyl \$5 adj phenol)) and ((lewis adj acid) or catalyst or BF3 or (boron adj trifluoride)) and (polybutne or polyisobutene)	US-PGPUB; USPAT; FPRS	OR	ON	2009/06/29 11:03
S166	26	"0226839"	US-PGPUB; USPAT; FPRS	OR	ON	2009/06/29 11:10
S167	28	"0226839"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 11:10
S168	1	2002-463188.NRAN.	DERWENT	OR	ON	2009/06/29 11:10
S169	4	"0226840"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 11:11
S170	1	2002-463189.NRAN.	DERWENT	OR	ON	2009/06/29 11:12
S171	1	2002-463188.NRAN.	DERWENT	OR	ON	2009/06/29 11:13
S172	1	"6875897"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 13:19
S173	1	"6914163"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 13:21
S174	7	("3360464"   "4238628"   "4322220"   "4429099"   "5300701"   "5663457").PN. OR ("6914163").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 13:45
S175	0	S174 and (BF\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 13:45
S176	5	S174 and (Boron near \$5fluoride)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 13:46
S177	1	\$4alkylpolyisobutenylphenol or \$4alkylpolisobutylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 13:56

S178	1	\$4alkylpolyisobutenylphenol or \$4alkylpolyisobutylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 13:57
S179	106	\$7polyisobutenylphenol or \$47polyisobutylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 13:57
S180	66	(\$7polyisobutenylphenol or \$47polyisobutylphenol) and (BF3 or "BF.sub.3" or (boron near2 \$5fluoride))	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:08
S181	0	\$3tertiarybutyl\$3polyisobutenylphenol or \$3tertburylpolyisobutenylphenol or \$4tertiarybutenyl\$4polyisobutentylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:26
S182	0	\$3tertiarybutyl\$3polyisobutenylphenol or \$3tertburylpolyisobutenylphenol or (\$4tertiarybutenyl near polyisobutentylphenol)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:26
S183	0	\$3tertiarybutyl\$3polyisobutenylphenol or \$3tertburylpolyisobutenylphenol or \$4tertiarybutenyl\$4polyisobutentylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:26
S184	0	\$3tertiarybutyl\$3polyisobutenylphenol or \$3tertburylpolyisobutenylphenol or \$4tertiarybutenyl\$4polyisobutentylphenol	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:26
S185	0	\$3tertiarybutyl\$3polyisobutenylphenol or \$3tertburylpolyisobutenylphenol or (\$4tertiarybutenyl near polyisobutylphenol)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:26
S186	0	\$3tertiarybutyl\$3polyisobutenylphenol or \$3tertburylpolyisobutenylphenol or (\$4tertiarybutenyl near polyisobutyl\$1phenol)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:27
S187	0	\$3tertiarybutyl\$3polyisobutenylphenol or \$3tertburylpolyisobutenylphenol or (\$4tertiarybutenyl near polyisobutyl near phenol)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:27
S188	0	\$3tertiarybutyl\$3polyisobutenylphenol or \$3tertburylpolyisobutenylphenol or (\$4tertiarybutyl near polyisobutyl near phenol)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:30
S189	0	"2-tert-butyl-4-polyisobutenyl phenol"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:30
S190	1	"2-tert-butyl-4-polyisobutenylphenol"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 14:30
S191	1	"2-tert-butyl-4-polyisobutenylphenol"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 14:30
S192	0	"2-tert-butyl" near3 polyisobutenylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 14:31
S193	7	\$6butyl near3 polyisobutenylphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 14:31

S194	41	(568/790,792,793,799.ccls. or 524/164.ccls. or 525/534.ccls. or 508/465.ccls. or 44/450.ccls.) and (polyisobutyl or polyisobutenyl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 14:34
S195	41	(568/790,792,793,799.ccls. or 524/164.ccls. or 525/534.ccls. or 508/465.ccls. or 44/450.ccls.) and (\$polyisobutyl or \$polyisobutenyl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 14:34
S196	24	(568/790,792,793,799.ccls. or 524/164.ccls. or 525/534.ccls. or 508/465.ccls. or 44/450.ccls.) and (\$polyisobutyl or \$polyisobutenyl) and ((boron near3 \$5fluoride) or BF3 or "BF. sub.3")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 14:35

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